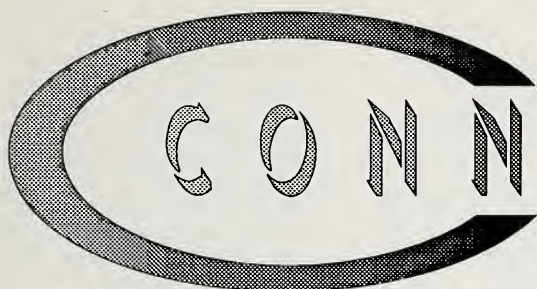


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# CONNECTION

## Information for Teachers

### ALBERTA EDUCATION

Vol. 1 No. 1 June 1992

*Connection* is a publication of the Student Programs and Evaluation Division.

Welcome to the first issue of *Connection*. *Connection* will arrive at your school three times a year to keep teachers and administrators up-to-date on curriculum and resource changes. *Connection* contains the information formerly found in the "Curriculum News" section of Infocus. *Connection* is produced by Alberta Education's Student Programs and Evaluation Division. This division incorporates the Alberta Distance Learning Centre, the Curriculum Branch, the Education Response Centre, the Language Services Branch, the Learning Resources Distributing Centre, and the Student Evaluation Branch.

### ECS-GRADE 12 CURRICULUM AND RESOURCES

#### Achievement Testing Program Provincial Report, June 1991 Administration

This report contains summaries of the results of the Grade 3 science, Grade 6 mathematics and Grade 9 social studies tests. It includes sample questions, commentary reflecting the standards embedded in the tests, an analysis of student achievement by level, the results of a study comparing student achievement in 1987 with achievement in 1991 and a description of the Student Evaluation Branch's work in performance assessment. A copy of the report was sent to elementary and junior high schools in March.

For more information, contact  
Marcia Wright at 427-0010.

#### Diploma Examinations Program Annual Report, 1991-92 School Year

In addition to summary statements of the results for each of the diploma examination courses, this report has three sections of particular interest to teachers: a description of student achievement over time, a summary of student results by gender and a special study that looks at the different paths that students take toward completing the requirements of a diploma. A copy of the report was sent to high schools in January.

For more information, contact  
Marcia Wright at 427-0010.

### Art

#### Colour Wheel Poster

A large colour wheel poster featuring additional teaching/learning elements (primary colours, secondary colours, intermediate colours, analogous colours, complementary colours, colour values — shades and tints) has been developed. It will soon be printed and made available through the LRDC. The poster is designed for use by all grades.

For more information, contact  
Mary Lyseng at 427-2939.

### Art (French)

The following teaching resource is authorized:

— *Lire les images des enfants*  
(Les éditions l'image de l'art).

Productivity Software (Logiciel de productivité)

The following student resource is authorized:

Grades 4-12 (Basic Status)

— *AW 3.0 to French-  
Conversion Program* (JEM  
Software).

For more information, contact  
René Mathieu at 427-2940.

## French as a Second Language

The provincial implementation date of the Beginning level program, ECS-Grade 9, is September 1992. The following documents have been distributed to all schools offering the Beginning level French as a second language program:

- *French as a Second Language Program of Studies, Beginning Level, ECS-Grade 12 (English)*, LRDC Code: OXL00017
- *Français langue seconde, Programme d'études, Niveau Débutant*, LRDC Code: OXL00016
- *French as a Second Language Teacher Resource Manual, ECS-Grade 12 (English Version)*, LRDC Code: OXS00135
- *French as a Second Language Student Evaluation Guide, ECS-Grade 12 (English Version)*, LRDC Code: OXS00133.

Copies of these documents are available from the LRDC.

For more information, contact your Alberta Education Regional Office Second Language Consultant, or Wally Lazaruk at 427-2940, Fax 422-1947.

## LRDC Buyers Guide Survey



The Learning Resources Distributing Centre needs your cooperation to ensure the *Buyers Guide* meets customer requirements and needs. In May 1992, a survey was forwarded to all school board central offices (both the educational and the purchasing entities) and to a sample of schools. The survey will examine the *Buyers Guide*:

- usefulness
- needs not met
- problems
- readability
- usage, and
- ways to improve.

Your assistance will help in redesigning the *Buyers Guide* to better meet your needs. For more information, contact Bob Sank at 427-2767.

## Resource Documents

The Education Response Centre recently produced two teaching resource documents:

- *Teacher Intervention Practices (TIPS)*, LRDC Code: OXS01038

*TIPS* is a companion to the *Teacher Alert System (TAS)*. It is for classroom teachers and other school personnel concerned about individual students who may be at risk for learning problems. *TIPS* addresses issues related to

home and school environment, health, learning and temperament. *TIPS* also has a Sources of Support section that lists types of personnel who have expertise in the particular area of concern, or appropriate agencies that can render assistance.

- *Bereavement and Loss Manual for Administrators and Teachers*, LRDC Code: OXS01039

This manual is designed as a resource for school jurisdiction administrators, school administrators, counsellors and teachers in Alberta to help them develop a crisis management plan for use in the event of the death of a staff member or student, through illness, by accident or by suicide.

These manuals may be ordered from the LRDC. For more information, contact Grace LeBlanc at 422-6326.

## Science

### *Alberta's Focus on Forests*

*Alberta's Focus on Forests* is a program designed to fit easily into the existing education curriculum and is being field tested by teachers across Alberta. While the most obvious curriculum ties are with junior high science, social studies and environmental and outdoor education, the program also brings a forest perspective to a wide range of other subjects, such as mathematics and language arts. In September 1992, two resource guides will be available — one for Division 2 (Grades 4, 5, 6) and one for Division 3 (Grades 7, 8, 9).



For more information about *Alberta's Focus on Forests*, contact Jerry Fochler, Program Manager, Alberta Forestry Association, #101, 10526 Jasper Avenue, Edmonton, Alberta, T5J 1Z7, Telephone 427-0389, Fax 427-0292.

#### Environmental Education Resources

**Public Focus** is a registered non-profit organization which has developed environmental programs for students of all ages. *The Backyard Acid Rain Kit Program (BARK)* is an educational acid precipitation monitoring program. The program is a "hands-on" scientific study of atmospheric conditions targeted for students in Grades 4-10. The BARK program is available in both English and French. In order to accommodate a greater number of registrants, three, 1-month monitoring periods will be introduced: Fall (October-November), Winter (January-February) and Spring (March-April). To participate, or for more information, contact Public Focus, c/o Bark Headquarters, 489 College Street, Suite #500, Toronto, Ontario, M6G 1A5, Telephone (416) 967-5211, Fax (416) 967-4450.

#### Special Education

*Le plan d'intervention personnalisé en milieu scolaire*, by Georgette Goupil is available from the LRDC, LRDC Code: 1VE01002. This new teaching resource presents in a clear, concise way, how to develop individual program plans.

For more information, contact Suzanne Gareau-Kubicki at 427-2940.

## ECS/ELEMENTARY CURRICULUM AND RESOURCES

### Art (French)

#### Teaching Resource

- *Guides d'activités en arts plastiques*, Grades 1-6 (Les éditions l'image de l'art)

#### Student Learning Resources (Basic Status)

- *L'image de l'art — Mini-ensemble*, Grades 1-6 (Les éditions l'image de l'art)
  - Mini-reproductions
  - Activités complémentaires.

#### Change of Status (from Support to Basic)

- *L'image de l'art: Grandes reproductions et guide pédagogique*, Grades 1-6 (Les éditions l'image de l'art).

For more information, contact René Mathieu at 427-2940.

### Elementary Program Implementation Schedule

*The Guide to Education: Elementary School Handbook* (ECS-Grade 6) was issued in 1990 and included a program implementation schedule in Appendix I (p. 45). Since the publication of that handbook, a number of changes have occurred which render the schedule obsolete. Below is a list which updates the schedule:

- Language Learning: provincial implementation September 1, 1992.

- Mathematics: provincial implementation September 1, 1994.

- Science: currently under revision. Provincial implementation date not yet established.

- Health and Physical Education: needs assessment not yet complete. Provincial implementation date not yet established.

- All remaining subject areas: no change.

Announcements will appear from time to time in **Connection** as plans to revise curriculum are developed.

For more information, contact Susan Lynch at 427-2984.

### English Language Learning

Provincial implementation of the language learning curriculum is scheduled for September 1992. To provide teacher support, the following are under development:

- Teacher Resource Manual: a set of booklets that can stand alone or become part of a personal collection created by each teacher.
- ACCESS Video Series: the first two videos show students in action and will assist teachers in understanding the principles underlying children's language learning and in their planning for children's language learning. A third video will portray demonstrations of levels of language development.

For more information on the teacher resource manual or videos, contact Susan Lynch at 427-2984.

- *Part E: Levels of Performance* is a section of the Program of Studies that contains samples and descriptions of children's written language to exemplify levels of language performance as set out in the Specific Learner Expectations.

For more information, contact Jo-anne Hug at 427-0010.

The following resources are authorized:

Teaching Resources (Levels 1-7 unless otherwise indicated)

- *The Art of Teaching Writing*, Heinemann/Irwin
- *Books Alive Series* by Jean and Jan Malloch, Double Day/Collier Macmillan—previously authorized as student support material, but only the teaching components have actually been authorized for use, Levels 5-7
- *Write On: A Conference Approach to Writing*, Heinemann/Irwin.

#### Student Learning Resources

- Strategies (Nelson)
  - Interest level: ages 9-12
  - Level of language learning: 4, 5, 6
- Basic Status
  - Student anthologies
  - Teacher manuals
- Support Status
  - Student activity books
  - Listening tapes

#### Other Resources

- Support Status
  - Computer software

#### Student Reference Materials

- Basic Status
  - Interdisciplinary/Language Learning

The following is the updated list of presently authorized elementary reference materials:

#### Pictionaries and Dictionaries

- *My First Word Book* (Scholastic), Level 1
- *Canadian Picture Dictionary* (Houghton Mifflin), Levels 1, 2
- *Canadian Primary Dictionary* (Houghton Mifflin), Levels 2, 3
- *Canadian Children's Dictionary* (Houghton Mifflin), Levels 4, 5, 6
- *Canadian Dictionary for Children* (Collier Macmillan), Levels 4, 5, 6
- *Gage Junior Dictionary* (Gage), Levels 4, 5, 6
- *Canadian Dictionary for Schools* (Collier Macmillan), Level 7.

#### Thesauri

- *My First Thesaurus* (Nelson Canada), Levels 3, 4
- *Young Canada Thesaurus* (Nelson Canada), Levels 4, 5, 6.

The following reference materials will be withdrawn effective August 1992:

- *My Pictionary* (Gage), Grade 1

- *My First Picture Dictionary* (Gage), Grades 1, 2

- *Macmillan First Dictionary* and accompanying teacher's guide (Macmillan), Grades 1, 2.

Spelling textbooks earlier authorized as learning resources will be withdrawn June 1992.

To assist teachers in meeting students' spelling needs in the context of classroom, reading and writing activities, comprehensive and practical teaching resources have been authorized.

For more information, contact Lynn Bryan at 427-2984.

### Français and French Language Arts

The following support resources will be withdrawn effective June 30, 1992:

- *Dynamo-Caracoli* 1, 2, 3 (francophone, Grade 1 and immersion, Grade 2).

For more information, contact Alain Nogue at 427-2940.

### French as a Second Language

The following basic learning resources are authorized for the Beginning level program according to grade/age/interest levels and are available through the LRDC:

ECS-Grade 3 (Ages 5-8)

- *Dimoitou* 1, 2, 3 (Centre Éducatif et Culturel)

Grades 4–6 (Ages 9–12)

- *Adventures 1, 2, 3* (Copp Clark)
- *Bienvenue 1, 2, 3* (Prentice-Hall).

For more information, contact Wally Lazaruk at 427–2940.

## Mathematics

The mandatory provincial implementation date for the revised elementary mathematics program has been changed to September 1994, from September 1992. The revised mathematics program will be approved shortly for optional implementation in September 1992.

For information on elementary mathematics, contact Mary Anne Nissen or Jenny Crane at 427–2984.

*The Diagnostic Mathematics Program*, Grades 1–6, is packaged in two kits, one for Division I and one for Division II. Each can be purchased from the LRDC. These materials are being translated into French, and this edition should be published during the 1992–93 school year.

For more information, contact Marcia Wright at 427–0010.

## Science

Developmental work is proceeding on the revised elementary science program of studies.

For information on elementary science, contact Al McGillis or Jenny Crane at 427–2984.

## Social Studies

*A Teacher's Guide to Field Trips in the Greater Edmonton Area* lists all educational programs offered for students from ECS–Grade 6, at 19 sites in the Edmonton area.

For more information on this guide, contact Lora Deepröse, Program Coordinator, Greater Edmonton Interpretive Network, c/o Visitor Services, 415 Legislature Building, Telephone 427–7362.

The following resource is authorized:

Grade 6, Topic B

- *The Greeks* (Ginn), authorized as a basic resource, is out of print and no longer available for purchase. It will remain however, authorized for use in Alberta schools for those who have purchased this textbook.

The following basic resource is authorized:

Grade 4, Topic A

- *Alberta Our Province* (Weigl Educational Publishers Ltd.).

The following teaching resources are authorized:

Grade 5, Topic C

- *Canada's Links: Teachers Guide and Blackline Masters Package* (Plains Publishing Inc.)
- *Links: Canada's Connections with Britain, France and the United States*, Teacher's Guide (Globe/Modern Curriculum Press)

- *Canadian Connections, Teacher's Resource* (Reidmore Books).

Grade 4, Topics A/B/C  
Grade 5, Topics A/B/C  
Grade 6, Topic A  
Grade 7, Topics A/C  
Grade 8, Topics A/B

- *Symbols of Nationhood* (Department of Secretary of State).

For more information on elementary social studies, contact Jenny Crane at 427–2984.

## Social Studies (French)

The following basic resources are authorized for both the francophone and immersion programs:

- *Au pays des dieux: Les Grecs, Nathan*, 1991 (Topic 6B)
- *Nos liens avec les autres pays, Editions de la Chenelière*, 1992 (Topic 5C).

The following basic resource is authorized for the francophone program:

- *Les liens entre les communautés canadiennes*, 1992 (Topic 3B).

The following support resource is authorized for both the francophone and immersion programs:

- *Découvre ton monde: Le Canada*, TV Ontario (a series of 12 video programs for Topic 5A, available at ACCESS Network).

For more information, contact Alain Nogue at 427–2940.



# JUNIOR/SENIOR HIGH SCHOOL CURRICULUM AND RESOURCES

## Art

The following support resources are authorized and are available through ACCESS Network:

Grades 7-12

- *Art History: A Century of Modern Art*, series consisting of the following titles:

- Program 1 - *Impressionism*
- Program 2 - *The Fauves*
- Program 3 - *Expressionism*
- Program 4 - *Cubism*
- Program 5 - *Surrealism*
- Program 6 - *Modern Mavericks*
- Program 7 - *American Landscapes*
- Program 8 - *Realism*
- Program 9 - *Abstract Expressionism*
- Program 10 - *Pop*

- *Art History II: A Survey of the Western World*, consists of the following titles:

- Program 1 - *Ash Can Plus*
- Program 2 - *Cosmopolitans: Looking Toward Europe*
- Program 3 - *Colonials: Realistic and Romantic*
- Program 4 - *English Painting*
- Program 5 - *Spain: El Greco, Velasquez, Goya, Gaudi*
- Program 6 - *German Painting*
- Program 7 - *Seventeenth Century Dutch Masters*
- Program 8 - *Flemish Painting*

- Program 9 - *Italian Renaissance Painting*
- Program 10 - *Mannerism: Italy*
- Program 11 - *Italian Architecture*
- Program 12 - *Chateaux of the Loire.*

## Computer Software

- *MacDraw Pro* (Macintosh Version 1.0v1) is authorized and available through the LRDC.

The colour *Booklet of Reproductions for Art 11* is authorized as a basic resource for all secondary art courses and is available from the LRDC. It contains 225 colour reproductions spanning the history of art.

- *Games End: An African Encounter* (by Maureen Enns, Alberta artist) available from the LRDC.

For more information, contact Mary Lyseng at 427-2939.

## Art (French)

The following resources are authorized:

### Student Learning Resources (Basic Status)

- *L'image de l'art—Mini-ensemble*, Grades 7-12 (Les éditions l'image de l'art)
  - Mini-reproductions
  - Activités
- *Art 11 Distance Education Booklet of Reproductions*, Grades 7-12 (Alberta Education/LRDC)
- *MacDraw Pro* (Macintosh Version 1.0v1), Grades 7-12 (Claris Corporation/Claris Canada Inc.)

- *MacDraw II* (Macintosh Version 1.1), Grades 7-12 (Claris Corporation/Claris Canada Inc.).

For more information, contact René Mathieu at 427-2940.

## Career and Technology Studies (CTS)

Enterprise and Innovation 20-30 was officially launched May 25, 1992 at Fantasyland Hotel in Edmonton's West Edmonton Mall. Optional implementation will take place in September 1992 and provincial implementation is scheduled for September 1993.

For more information, contact Jan Mills or Chrystal Blume at 427-2984.

Tourism Studies is the next CTS program to reach Alberta schools. Final field validation of the advanced modules will take place starting this September, with optional implementation scheduled for a year later.

Thirteen other programs will be field validated starting this September:

- Design Studies
- Food Studies
- Legal Studies
- Communication Studies
- Management and Marketing Studies
- Financial Management
- Information Processing
- Construction Technologies
- Agriculture
- Energy and Mineral Resources
- Forestry
- Wildlife
- Work Experience.

School superintendents are being asked to nominate teachers to assist Alberta Education in the field validation. A "call for resources" was issued to publishers and distributors for the programs being developed. The resources received will be screened for curriculum fit and for tolerance and understanding.

Programs to be initiated in 1992-93 are Cosmetology, Fabrication Studies, and Mechanics.

A document to help make the transition into CTS will be available soon. All new programs will be implemented by 1996 with current programs being phased out by the year 2000.

Other recent activities of the CTS Team include the following:

- *U Choose* is a 13-minute video about CTS aimed at junior high school students. It is supported by *U Mag*, a 24-page tabloid magazine designed to help students and parents understand the new programs. Copies of *U Choose* and *U Mag* will be sent to school systems in May/June. Extra copies will be available from the LRDC.
- *On Cue II* is a 30-minute video describing what CTS is and how it can be implemented. It was shown during Education Week in early May and will soon be available from the ACCESS Network Media Resources Centre in Calgary.

- Presentation Packages are available that tell students, teachers, parents and community partners what CTS is all about. For more information, contact Jackie Staniscia at 427-2984.

- The University of Alberta will be offering a course (EDSEC 503) on CTS again this summer. For more information, contact the Faculty of Education, University of Alberta at 492-3751.

- A brochure on the Registered Apprenticeship Program (RAP) is being distributed to Alberta schools. If you are interested in helping pilot RAP, contact Sharon Prather at 427-2984.

- A joint project on partnerships is underway with Alberta Career Development and Employment, Alberta Education, Alberta Chamber of Resources, Construction Owners Association of Alberta, The Alberta Teachers' Association, and The Canadian Manufacturers' Association. The report will be available this fall.

The following are authorized as basic resources and will be available, or are already available, from the LRDC:

Computer Studies 7, 8, 9

- *Keyboarding for Personal Computer Use*
- *Publish It! Easy for Macintosh* (Version 2.1).

Accounting 10-20-30

- *ACCPAC Simply Accounting for DOS* (Version 3.4D)

- *Autosketch* (IBM Version 3.0)

- *Claris CAD* (Macintosh Version 2.0).

Visual Communications  
12-22-32

- *Autosketch* (IBM Version 3.0)

- *Claris CAD* (Macintosh Version 2.0).

For more information, contact Sharon Prather at 427-2984.

## English Language Arts

*Together We Learn* (Cooperative Small Group Learning) is authorized as a teaching resource for English language arts, Grades 7-12. The resource includes a text published by Prentice-Hall and an accompanying videotape produced by the Metro Board of Toronto. The text is available from the LRDC; the 23-minute videotape is available from ACCESS Network (BPN 3350-01). These resources are also authorized for social studies, Grades 7-12.

For more information, contact Barbara Esdale at 427-2939.

## Evaluating Students' Learning and Communication Processes

*Evaluating Students' Learning and Communication Processes* is a diagnostic evaluation program to help junior and senior high school teachers evaluate students' progress in six processes essential to students' learning

and communication. The program will also help teachers select appropriate instructional activities to promote students' growth in these processes. A prospectus describing this new program is available at no charge from the Student Evaluation Branch. The manuals for this program will be published and inservices will be arranged for the fall of 1992.

For more information, contact Darlene Montgomery at 427-0010.

## Physical Education

New Monograph

- *Better Safe than Sorry*, a recently developed monograph on safety guidelines for elementary and secondary physical education will be distributed to all schools in June.

For more information, contact Gina Vivone-Vernon at 427-2939.

## Physical Education (French)

The following authorized teaching resources for Grades 7-12 are available from the LRDC:

- *Circuit de conditionnement par la nage synchronisée*, Synchro Canada
- *Cours de formation de l'instructeur Niveau 1—Technique*, Curl Canada
- *Danses et costumes régionaux au Québec*, Volume 1 et Volume 2, Fédération des loisirs-danse du Québec

- *Fédération haltérophile canadienne* — Niveau 1, Fédération haltérophile canadienne

- *Natation Canada ESSO* — *Manuel du moniteur*, l'Association canadienne de natation amateur/Swim Canada

- *Programme pour les novices* — *Comité de développement du hockey*, l'Association canadienne de hockey amateur

- *La technique du ski alpin*, Les Editions de l'homme/Agence de distribution populaire inc.

For more information, contact Ghislaine Lavergne at 427-2940.

## Samples of Student Writing

These booklets, published in the spring of 1992, feature samples of students' writing from the June 1991 diploma examinations and achievement tests and comments describing how each sample exemplifies the scoring criteria used for the exams and tests. There is one booklet for each of the following courses:

- English 30
- English 33
- Social Studies 30
- Social Studies 9
- Français 9 (from the June 1990 administration).

All booklets are available from the LRDC. For more information, contact Marcia Wright at 427-0010.

## **JUNIOR HIGH SCHOOL CURRICULUM AND RESOURCES**

### Art

The *Discover Art Series* by Laura Chapman is an authorized basic elementary resource. Fitzhenry and Whiteside have extended the series into the junior high levels with *A World of Images* and *Art Images and Ideas*.

For more information, contact Mary Lyseng at 427-2939.

### Art (French)

The following teaching resources are authorized:

- *L'image de l'art* — *Secondaire* (de la première à la cinquième année)
- *Guides* (Les éditions l'image de l'art).

For more information, contact René Mathieu at 427-2940.

## English Language Arts

A call to publishers for the submission of potential basic resources for Grades 7, 8 and 9 went out in October 1991. The text series were received and reviewed, and seven series were selected for field validation September 1992 to April 1993. A review of the junior high program of studies will commence this year to consider possible revisions, and to make the program consistent with the new elementary language learning program, which includes the levels-based organization.

For more information, contact Barbara Esdale at 427-2939.



## Environmental and Outdoor Education

The book entitled *Eastern Slopes Wildlands — Our Living Heritage* was researched and published by the Alberta Wilderness Association. It describes 12 wilderness areas along Alberta's eastern slopes outside of the national parks. The resource describes wildlife habitats and the potential for non-mechanized outdoor recreation. Land use concerns and recommendations are also featured. This book may serve as a reference for the junior high environmental and outdoor education course. It is available, upon request, with a minimal postage cost from Ms. Sharon Coupal, Alberta Wilderness Association, Box 6398, Station D, Calgary, Alberta, T2P 2E1, Telephone 283-2025.

## French as a Second Language

Grades 7-9 (Ages 13-15)

- *Arc-en-ciel 1/2* (Mary Glasgow) is authorized as a basic resource for the Beginning level program and is available from the LRDC.

For more information, contact your Alberta Education Regional Office Second Language Consultant, or Wally Lazaruk at 427-2940.

## Health and Personal Life Skills

The following resources are authorized as support learning resources for the human sexuality theme of junior high health and personal life skills:

- *Looking into AIDS* (Student Booklet)

- *Looking into AIDS* (Teacher Guide).

Class sets of these resources were made available to all superintendents, free of charge, from the Provincial AIDS Program, Alberta Health.

The following video and accompanying teacher's guide are authorized as support resources for Grade 9 health and personal life skills:

- *AIDS: The New Facts of Life* (Video and Teacher Guide).

This package was also made available to all superintendents, free of charge, from the Provincial AIDS Program, Alberta Health.

For more information, contact Linda Findlay, AIDS Education Coordinator, Provincial AIDS Program, at 427-0836 or Fax 422-6663.

An updated list of all student learning resources authorized for junior high health and personal life skills is available from Gina Vivone-Vernon at 427-2939.

## Mathematics

Alberta Distance Learning Centre Student Package for Mathematics 8:

The Alberta Distance Learning Centre is in the final stages of completing the student package for Mathematics 8. It will be a seven-module course which is self-contained (textbooks not required). Companion audiotapes will

be available for this course, and videos for the junior high school mathematics courses are currently in development by ACCESS Network. The student package for Mathematics 8 is available from the LRDC.

For more information about the new distance learning materials, contact John Punko at the Alberta Distance Learning Centre in Barrhead at 674-5333.

## Music (French)

Music (French — Musique instrumentale, secondaire premier cycle)

Teaching Resources

Grade 7

- *L'orchestre à vent moderne — Première partie — Niveau élémentaire — Conducteur* (CPP Belwin)
- *Musiccontact 1 — corrigé* (Les éditions HRW Ltée)
- *Technic Today, A Supplementary Technic Book: Part One — Conductor's Score* (Belwin Mills).

Grade 8

- *Musiccontact 2 — Manuel de l'enseignant(e)* (Les éditions HRW Ltée)
- *Band Today Part Two — Intermediate — Conductor's Score* (Belwin Mills)
- *Technic Today, A Supplementary Technic Book: Part Two — Conductor's Score* (Belwin Mills).

## Grade 9

- *Musicontact 3 — Livre du maître* (Les éditions 5 enr.)
- *Band Today Part Three — Advanced-Intermediate — Conductor's Score* (Belwin Mills)
- *Technic Today, A Supplementary Technic Book: Part Three — Advanced-Intermediate — Conductor's Score* (Belwin Mills).

## Grades 7-9

- *Musicontact 4* (Les éditions 5 enr.)
  - Cahier d'activités
  - Livre du maître
- *Musicontact 5* (Les éditions 5 enr.)
  - Cahier d'activités
  - Livre du maître
- *Le directeur musical: Tomes 1-3* (La commission des écoles catholiques de Montréal)
- *Vocabulaire musical — Anglais/français* (Centre franco-ontarien de ressources pédagogiques).

## Student Learning Resources

### Grade 7 (Basic Status)

- *Musicontact 1 — Cahier d'activités* (Les éditions HRW Ltée)
- *L'orchestre à vent moderne: Première partie — Niveau élémentaire* (19 composantes) (CPP Belwin)
- *Technic Today, A Supplementary Technic Book: Part One* (19 components) (Belwin Mills).

## Grade 8 (Basic Status)

- *Musicontact 2* (Les éditions HRW Ltée)
- *Band Today Part Two — Intermediate* (19 components) (Belwin Mills)
- *Technic Today, A Supplementary Technic Book: Part Two* (19 components) (Belwin Mills).

## Grade 9

- *Musicontact 3* (Les éditions 5 enr.)
- *Band Today Part Three — Advanced-Intermediate* (19 components) (Belwin Mills)
- *Technic Today, A Supplementary Technic Book: Part Three — Advanced-Intermediate* (19 components) (Belwin Mills).

## Grades 7-9 (Support Status)

- *Music Theory — Volume 1* (MECC) (Apple II format Version 2.1)
  - Manual
  - 1 disk.

For more information, contact René Mathieu at 427-2940.

## Science

Alberta Distance Learning Centre Student Package for Science 8:

The Alberta Distance Learning Centre is in the final stages of completing the student package for Science 8. It will be a six-module course based on the Wiley textbook, *Science Direction*. Companion audiotapes will be available for this course and laboratory work will be required.

For more information about the new distance learning materials, contact John Punko at the Alberta Distance Learning Centre in Barrhead at 674-5333.

Agriculture and Environmental Resources

New Video Programs (from On Cue by ACCESS Network, Winter/Spring '92, Number 6)

*Science Alive*, a fast-paced and engaging new series, portrays science in everyday life for a junior high audience. The series consists of twelve 15-minute programs on the relationships among science, technology and society.

Now available are: *Designer Dogs*, *FEATS*, and *Design for Exadulto*.

*Designer Dogs* (BPN 3155-09) supports Grade 9 *Diversity of Living Things*. It introduces viewers to artificial selection through an energetic and humorous look at the world of dog breeding. Some of the concepts covered include: Natural Versus Artificial Selection, Designing for a Purpose, Design Flaws, Ancestors, Timelines, Dogs of the Future.

*FEATS* (BPN 3155-03) has been produced for Grade 7 *Force and Motion*. It tells the story of how scientific study into force and motion can lead to real-life benefits for people like Josh, a twelve-year-old amputee who is featured in the program. The program gives a glimpse of a scientist's approach to problem solving and shows how the latest technology helps researchers collect and sort data.

*Design for Exadulto* (BPN 3155-02) has been developed for Grade 7 *Structures and Design*. *Design for Exadulto* portrays design as a flexible process resulting in "a whole greater than the sum of its parts". Blending client needs, materials and artistic vision into a satisfying design is the theme of the program.

The three completed *Science Alive* programs come with brief users' guides listing key concepts, follow-up questions and suggested activities. Contact the Dub Centre/MRC Order Desk in Calgary for more information about *Designer Dogs*, *FEATS*, or *Design for Exadulto*.

#### The Living Soil Series

Three resources have been developed in partnership with PFRA (Prairie Farm Rehabilitation Administration); the Department of Education for Alberta, Saskatchewan and Manitoba; Weigl Educational Publishers Ltd. and Agriculture Canada — published by Weigl Educational Publishers Ltd.

- *The Living Soil: A Renewable Resource: A Science Module* (LRDC Code: OAG07005) is a study of soil science authorized by Alberta Education as a support resource for junior high science and junior high Agriculture: Land and Life.
- *The Living Soil: Land Use and Society: A Social Studies Module* (LRDC Code: OSS08044) is an examination of land-use issues and future directions authorized by Alberta Education as a support resource for junior high Agriculture: Land and Life and social studies, Grade 8, Topic A.

- *The Living Soil: Teacher's Guide* (Draft) was reviewed by Alberta Education in January 1992. On the whole, the teacher's guide uses a hands-on investigative approach and outlines some pertinent issues in the area of soil science.

For more information, contact Pam Shipstone at 427-2984.

Alberta Distance Learning Centre Student Package for Agriculture — Year Two:

The Alberta Distance Learning Centre is in the final stages of completing the student package for Agriculture — Year Two. It will be a four-module course and the textbook, *The Living Soil: A Renewable Resource*, will be required to complete the course. The student package for Agriculture — Year Two is available from the LRDC.

For more information about the new distance learning materials, contact John Punko at the Alberta Distance Learning Centre in Barrhead at 674-5333.

## Social Studies

### Social Studies 7

The following resource continues to be an authorized basic resource for Topic A:

- *Marooned*, 1984 (Kit).

The following teaching resource is authorized for Topics A and C:

- *Symbols of Nationhood*, Department of Secretary of State / Canada Communication Group Publishers, 1991.

### Social Studies 8

The following support resource is authorized for Topic A:

- *The Living Soil: Land Use and Society: A Social Studies Module*, Weigl Educational Publishers Ltd., 1991.

The following teaching resource is authorized for Topics A and B:

- *Symbols of Nationhood*, Department of Secretary of State / Canada Communication Group Publishers, 1991.

### Social Studies 7, 8 and 9

The following teaching resource is authorized for Division III:

- *Together We Learn* (Videocassette).

For more information, contact Joan Engel at 427-2939.

## Social Studies (French)

The French edition of the teacher resource manual *Etudes sociales, Guide d'enseignement, Secondaire premier cycle* is now available.

The following basic resource is authorized for both francophone and immersion programs:

- *Atlas intermédiaire*, Nelson, 1990 (Grades 7, 8, 9).

For more information, contact Alain Nogue at 427-2940.



## SENIOR HIGH SCHOOL CURRICULUM AND RESOURCES

### Accounting 10-20-30 (French)

Student Learning Resources  
(Basic Status)

- *ACCPAC Bedford Simple Comptable* (Macintosh Version 1.2A - Version étudiante) (Computer Associates Canada Ltd.)
- *Comptabilité intégrée* (DOS Version 3.4A) (Computer Associates Canada Ltd.).

For more information, contact  
René Mathieu at 427-2940.

### Art

Art 11-21-31 Distance Learning Centre Student Packages:

These courses have recently been developed into correspondence lessons for distance learning. Each course consists of seven lesson modules built around a theme, with a glossary and answers to activities included in an appendix, seven final assignment booklets, a colour booklet of reproductions, and a facilitator's manual. Cross-referencing to Sightlines, the video laserdisc, is included.

Art 11 is now available through the LRDC. Art 21 will be available before the end of the school year, and Art 31 will be printed for the 1992-93 school year.

For more information about the new distance learning materials, contact John Punko

at the Alberta Distance Learning Centre in Barrhead at 674-5333.

### Art (French)

Teaching Resources

Grades 10-12

- *L'image de l'art - Secondaire* (Première à la cinquième année) - Guides (Les éditions l'image de l'art)
- *Lire les images des enfants* (Les éditions l'image de l'art).

Student Learning Resources  
(Basic Status)

- *Art 11 Distance Education Booklet of Reproductions* (Alberta Education/LRDC)
- *AW 3.0 to French-Conversion Program* (JEM Software).

For more information, contact  
René Mathieu at 427-2940.

### Basic Business 20

The Alberta Distance Learning Centre is in the final stages of completing the student learning package for Basic Business 20. It is a three-module course which is self-contained (textbooks not required). Companion audiotapes will be available through the LRDC.

For more information about the new distance learning materials, contact John Punko at the Alberta Distance Learning Centre in Barrhead at 674-5333.

### Beauty Culture

The new Hairstylist curriculum in Beauty Culture, forwarded April 10, 1992, becomes effective August 1, 1992. The old course outline remains in effect until July 31, 1992.

For more information, contact  
Sharon Prather at 427-2984.

### Career and Life Management (CALM) 20

Alberta Education Regional Office Consultants are monitoring the implementation of Career and Life Management 20. Students, CALM teachers and school administrators are being interviewed and completing surveys to identify strengths and weaknesses in all aspects of the course, and the learning resources to support the course. Those high schools who wish to provide feedback on CALM, but which have not been contacted by the Alberta Education Regional Offices to participate in the monitoring, may contact Gina Vivone-Vernon at 427-2939, Fax 422-5129. A preliminary report is expected in June 1992, and the findings will influence the minor revisions and modifications to be made to the course during 1992-93. Field testing of new resources is planned for 1993-94.

An updated list of authorized learning resources is available from Gina Vivone-Vernon at 427-2939, Fax 422-5129.

## English Language Arts

The Senior High Novels and Nonfiction Committee was established in November 1991. These ten teachers and teacher-librarians have commenced the review of hundreds of titles submitted from publishers. Evaluation will continue during the 1992-93 school year, with a field test list compiled in May 1993. Field validation is planned for the 1993-94 school year, and the presently authorized titles will be reviewed during that time. A complete new listing should be available in May 1994.

The teacher's resource books for *Julius Caesar*, 1992 and *Romeo and Juliet*, 1992, in the Oxford School Shakespeare series, were authorized as teaching resources for English 10 and English 10/13 respectively. The Oxford student editions of these plays were authorized as basic resources in May 1991. These resources are all available from the LRDC.

Three videotapes are authorized as support resources and are available from ACCESS Network. They are *Shakespeare in Rehearsal Series: William Shakespeare: Background for His Works*, 1989, 18 minutes, English 10 and 13 (BPN 2947-01); *Shakespeare in Rehearsal Series: Romeo and Juliet*, 1989, 23 minutes, English 10 and 13 (BPN 3179-01); and *A Midsummer Night's Dream*, 1988, 2 hours 45 minutes, English 10 (BPN 3406-00). *A Midsummer Night's Dream* is performed by the New York Shakespeare Festival.

For more information, contact Barbara Esdale at 427-2939.

## Français and French Language Arts

The following support resources are authorized for:

### French Language Arts 10

- *Le temps des lilas*, Leméac, 1969
- *Les vainqueurs*, Editions Fides, 1987
- *Jour blanc*, Editions Pierre Tisseyre, 1990.

### Français 30

- *Le pendu*, Leméac, 1970.

The following basic resource is authorized for both the francophone and immersion programs:

- *Les contes du lundi*, Les Editions Flammarion, 1984.

For more information, contact Alain Nogue at 427-2940.

## French as a Second Language

The provincial implementation date for the Beginning level senior high school courses French 13 and French 10 is September 1993. French 13 is a senior high school course designed for students who have not taken French prior to senior high school. This course may be offered for credit in senior high school only through regular classes or through distance learning. Its primary purpose is to assist students in attaining sufficient proficiency for entry into the French 10, 20 and 30 program. French 13 is not eligible for Category C requirement courses, nor for Rutherford Scholarship requirements, nor for credit

through Second Language Competency Examinations effective the 1992-93 school year.

### Grades 10-12 (Ages 15-17)

The following basic resources are authorized for the Beginning level program and are available from the LRDC:

### French 13

- *Arc-en-ciel 1* (Mary Glasgow).

### French 10

- *Arc-en-ciel 2* (Mary Glasgow)

- *Entrez 1* (Copp Clark).

Other new Beginning level basic learning resources will be validated and approved as they become available and are considered appropriate for Alberta classrooms.

For more information, contact your Alberta Education Regional Office Second Language Consultant, or Wally Lazaruk at 427-2940.

## Mathematics

*Mathematics at Work in Alberta* is designed to provide teachers and students with practical examples of "real world" applications of high school mathematics. The problems were submitted by engineers, accountants and planners, and are typical of everyday problems that workers in business and industry must solve. Copies were sent to all high schools in March.

For more information, contact Phill Campbell at 427-2948.

## Music

General Music 10-20-30 is being readied for field validation commencing September 1992. The program consists of 21 modules covering nine topics with six of the topics developed at three levels. The program consists of the following modules:

- *Careers in Music*
- *Composition* — Levels 1, 2, 3
- *Contemporary Popular Music*
- *History of Western Music* — Levels 1, 2, 3
- *Jazz Appreciation*
- *Music Making* — Levels 1, 2, 3
- *Music and Technology* — Levels 1, 2, 3
- *Music Theory — Elements and Structures* — Levels 1, 2, 3
- *World Music* — Levels 1, 2, 3.

Various routes are proposed through the modules, giving as much flexibility as possible. Level 1 courses are designed, where possible, as overview courses. The only compulsory modules are music theory and music making, which could be taken concurrently and applied wherever applicable to three other modules to make up a year's program for 5 credits. Music making is being designed with a few basic concepts and skills being stated, and the application and choice of instrument left to the student and teacher.

A wide and rich complement of learning resources is available for General Music 10-20-30.

These resources are being made available for the field validation. The following activities and resources should be noted:

### Videoletters

For the purpose of inservice orientation and implementation of the new high school music programs (Instrumental Music 10-20-30; Choral Music 10-20-30 and General Music 10-20-30), videoletters are being developed. These are small format camcorder videos similar to a letter, developed so that teachers can network and share with other teachers. Videoletter number one for each of the program sequences — Instrumental, Choral and General — is an overview or orientation to the new program. Live classroom taping permits you to share the skills and experiences of a number of teachers and students. Videoletter number two in each of the sequences will deal with teaching strategies — planning, classroom and evaluation.

Choral videoletter number one is being distributed through Alberta Education Regional Offices and the supervisors of music in larger systems. A copy may be borrowed for viewing and copied at no charge.

It is anticipated that the following videoletters will be available in the fall:

- Videoletter Number One: Choral — Overview
- Videoletter Number Two: Choral — Teaching Strategies
- Videoletter Number One: Instrumental — Overview
- Videoletter Number Two: Instrumental — Teaching Strategies

- Videoletter Number One: General Music — Initial Orientation to a New Program.

Choral Music 10-20-30 and Instrumental Music 10-20-30 Resources:

Please check the teacher resource manuals for extensive annotated lists of authorized resources. In addition, the following resources are authorized:

- *Music Appreciation, Courseware*, Electronic Courseware Systems Inc.

This courseware can be used with any music appreciation genre book and is thus useful for the history component of any music course.

- *Ethnocultural Dance Studies* (also authorized for physical education)

*Ethnocultural Dance Studies* is a set of videos with a teacher's manual produced by Alberta Dance Alliance and distributed through the LRDC. It includes East Indian Dance and Latin American Dance.

Both resources were extended to cover General Music 10-20-30 (*History of Western Music* and *World Music* modules in particular). A number of other resources already authorized for Instrumental Music 10-20-30 and Choral Music 10-20-30 are also useful for General Music 10-20-30 and will be authorized accordingly. These include *Handbook of Composers and Their Music* and *Aural Skills Trainer* (Courseware).



## Curriculum Reference Supplement: Repertoire

A teaching resource for Music 10–20–30 has been developed by Douglas W. Ward using repertoire as a synthesizer for the components of the music program. It is designed to save teachers valuable research time and permit easy adaptation. This holistic approach covers ten repertoire selections spanning three levels: Level IV — *Air for Band; Chart and Jubilo; The Washington Postmarch; Jesu, Joy of Man's Desiring; Ye Banks a Braes O' Bonnie Doon; Pageant*; Level V — *Rosymedre; A Festival Prelude*; Level VI — *Chester; Chorale and Shaker Dance*. It is anticipated that the resource will be available for the 1992–93 school year through the LRDC.

For more information, contact Mary Lyseng at 427–2939.

## Science

### Summer Workshops

Several opportunities for professional development are offered to science teachers this summer. Please check Other Curriculum News for details.

### Program of Studies/Chart Distribution

Revised programs of studies for Science 10–20–30, Biology 20–30, Chemistry 20–30 and Physics 20–30 were distributed to all schools and jurisdictions in late March. A revised wall chart tracing science concept development in a six-theme framework from Grade 7 through Grade 12, as well as a new chart for skill development and another for STS connections, were distributed

to all schools and jurisdictions in early April. Extra copies of the programs of study are available upon request from the Curriculum Branch. Additional sets of the charts will be available from the LRDC.

For more information, contact Raja Panwar at 427–2984.

### Science 10–20–30

Examination questions for both Science 10 and Science 20 are being developed by teams of Alberta science teachers, many of whom are Science 10 field validation teachers. The Science 10 examination package in hard copy will be available through the LRDC in June 1992. These questions have not been field validated and serve to provide direction and assistance to teachers implementing these new courses.

Many of the examination questions for Science 10 are being provided to the Alberta Distance Learning Centre. The Science 10 item bank is growing and is available on disk from the Alberta Distance Learning Centre, but can only be accessed by using the LXR Test software package which operates on the Macintosh Platform. For an information sheet on the LXR Test Program, contact your Alberta Education Regional Office Science Consultant.

Administrators, student counsellors and teachers all provide information and advice to students. With the introduction of the new Science 10–20–30 program and the revised discipline 20–30 courses, new options open up for students. It is critical that the correct information, as to the nature and post-secondary possibilities of the

Science 10–20–30 program and the discipline routes, be given to students so they can make informed decisions. The document entitled *Status of 30-Level Science Courses for Entrance to Post-secondary Institutions*, available upon request from the Curriculum Branch, will be helpful in this respect. This document will be distributed to all schools and jurisdictions.

For more information, contact Raja Panwar at 427–2984.

Thirteen inservice modules to prepare professional development workshops on major initiatives of the new senior high science programs are now available through the LRDC. The topics covered are: *Teaching for Thinking, STS Teaching Strategies, Controversial Issues in the Science Classroom, Focus on Research, Science 10 — A Hands-on Sampler, Performance Assessment in Science 10, Technology and Media in the Science Classroom, Cooperative Learning, Teaching for Conceptual Change, Teaching with Gender Balance, Questioning Techniques, Environmental Connections in the New Science Programs, Agricultural Connections in the New Science Programs*. A list of Alberta educators prepared to present workshops on such initiatives is included in the package or is available upon request.

For more information, contact Bev Romanyshyn at 427–2984.

### Science 10

Six one-day sessions were presented around the province by the Curriculum Branch Science Team, supported by the Alberta Education Regional

Office Science Consultants, in the month of March. Approximately 420 teachers attended these sessions which provided the opportunity to consider the new program directions, teaching strategies, assessment and evaluation techniques and resources. Comprehensive information packages were provided to each participant. Should you wish a Science 10 information package, please contact one of the following individuals: Alberta Education Regional Office Science Consultants in Edmonton, Calgary, Red Deer, Grande Prairie or Lethbridge, or jurisdiction science curriculum representatives — Edmonton Public Schools, Morrie Smith; Edmonton Separate Schools, Mervyn Lynch; Calgary Public Schools, Bob Sheppard; or Calgary Separate Schools, Hyacinth Schaeffer.

#### Equipment and Supply List

The equipment and supply list for Science 10, based on the final *Vision 1* student text, was sent to all superintendents in January. The quantities given on this list are per station, unless a demonstration is indicated. An errata sheet, helpful hints sheet and list of suppliers to accompany the list was mailed to jurisdictions in February. Contact your jurisdiction representative for a copy.

An information brochure on Science 10 is currently being prepared for spring distribution to jurisdictions, schools and the larger community.

Program 1, *Baking Better Science*, from the Senior High Science Video Series, can be used effectively with incoming

Science 10 students, parents, staff and the community to provide an introduction to Science 10. (ACCESS video BPN 3022-01)

#### Student Text Development

*Visions 1* Text and Teacher Guide, LRDC Codes: OSC10130 and OSC10129

*Visions 1*, the Science 10 custom-developed student resource by Gage Educational Publishing Co., and the accompanying teacher guide, will both be available through the LRDC June 1, 1992. Advance orders are now being taken. These resources are both eligible for the Secondary Education Implementation Credit Allocation Grant (SEICAG).

#### Teacher Resource Manuals

There will be an initial distribution of the *Senior High Science Teacher Resource Manual* (LRDC Code: OXS10028) and the *Science 10 Teacher Resource Manual* (LRDC Code: OXS10029) to all superintendents and high school principals in June. Additional copies may be ordered from the LRDC.

Field validation drafts of these documents are currently available as part of the *Senior High Science Implementation Planning Package*, LRDC Code: OSC10127 — available until June 1, 1992. Major revisions to the draft teacher resource manuals will be in the "resource list" sections, evaluation and assessment sections and in formatting. Should you require up-to-date support resource information (print, video and software), contact Désirée Hackman at 427-2984.

## Social Studies

### Social Studies 33

The following teaching resource is authorized for Topic A:

- *Challenges of Citizenship: Teacher's Guide*, John Wiley and Sons, 1991.

Social Studies 10-20-30, 13-23-33

The following teaching resource is authorized for Division IV:

- *Together We Learn* (Videocassette).

For more information, contact Joan Engel at 427-2939.

## Social Studies (French)

The following basic resource is authorized for both the francophone and immersion programs:

- *Les problèmes mondiaux et la communauté internationale*, Wiley-Guérin, 1991 (Topic 23B).

The following support resource is authorized for both the francophone and immersion programs:

- *Guide d'accompagnement, Série Canada* (Topics 10A, 10B, 13A, 13B — available from ACCESS Network).

For more information, contact Alain Nogue at 427-2940.



## OTHER CURRICULUM NEWS

### Drama

DramaWorks '92 and Artstrek '92 will once again kick off another summer of drama programs for adults and teens. Sponsored by Alberta Culture and Multiculturalism, these programs provide excellent opportunities to fine arts educators, community theatre practitioners, professional artists, students and drama enthusiasts to further their professional and personal development in the arts.

#### **DramaWorks '92**

DramaWorks '92, July 5-19, offers intensive one-week and weekend workshops for adults, providing opportunities for every kind of theatre enthusiast — from beginners with a passion for the footlights to professional artists seeking to improve their skills. Workshop subjects range from contact improvisation and commedia dell'arte to scene painting and stage management. Michael Shurtleff, internationally renowned casting director, author and instructor will be leading a week-long acting workshop on the University of Alberta campus.

Other workshops include Acting in Comedy, Scene Painting, Directing, Playwriting, Stage Management, Monologue Coaching, Reader's Theatre, Contract Improvisation, Commedia dell'Arte, Voice, Lighting Design, Auditioning for the Camera, Clown, and Fantastic Make-up.

For more information and/or application forms, contact Marie Gynane-Willis, Alberta

Culture and Multiculturalism, Cultural Development Division, 11th Floor, CN Tower, 10004-104 Avenue, Edmonton, Alberta, T5J 0K5, Telephone 427-6315.

#### **Artstrek '92: Summer Program for Teens**

Explore the play, *Village of Idiots* by John Lazarus, this summer at Lakeland College, Vermilion, Alberta, July 12-18 and July 19-29.

Discover the highly theatrical and lively script of this popular Canadian play!  
Be challenged!

Develop your theatre skills!  
Explore acting, directing, design, text, voice and movement!  
Work with inspiring and experienced professionals!

Theatre Explorations I — July 12-18 (Ages 14-18)

Theatre Exploration II — July 19-29 (Ages 15-18)

For more information and/or application forms, contact Alberta Culture and Multiculturalism at 427-6315; or the Summer Program Office, Lakeland College, Vermilion, Alberta, T0B 4M0, 1-800-661-6490.

### Solar Energy Society

The Solar Energy Society of Canada Inc. (SESCI) — Northern Alberta Chapter presents the first annual student conference to be held in conjunction with the 18th annual National Solar Energy Society Conference entitled *Renewable Energy: Technology for Today*. This conference will be held at the University of Alberta campus (Physics V Wing) Monday, July 6, 1992, 8:00 a.m. to 4:30

p.m. All students in the Edmonton Regional Science Fair Division are eligible to enter their 1991-92 science projects.

A teacher's package including the registration form is now available from the Solar Energy Society of Canada Inc. (SESCI) — Northern Alberta Chapter at 482-6570, Apt. 203, 10150-117 Street, Edmonton, Alberta, T5K 2J2.

### Naturalist's Project Guide

The Alberta Fish and Wildlife Division and the Canadian Wildlife Service will be distributing *Working with Wildlife — A Volunteer Directory* in June 1992. The objective of this directory is to provide information to prospective volunteers about wildlife conservation projects in the province which need assistance. Each entry includes the project duration, project aims, volunteer duties and qualifications, and contacts. A free copy of the directory is available from Doug Culbert, Forestry, Lands and Wildlife, Fish and Wildlife Division, Main Floor, North Tower, 9945-108 Street, Edmonton, Alberta, T5K 2G6, Telephone 427-6750.

### Agriculture Conference

Educators are invited to attend the National Agriculture in the Classroom Conference in Edmonton at the Mayfield Inn, October 24-27, 1992. This dynamic event will showcase Agriculture Resources and promote active networking amongst educators from across Canada. A limited number of Alberta educators will qualify for financial



assistance to attend this conference. For further information about sponsorship, and for registration forms, contact the Rural Education Development Association, 14815-119 Avenue, Edmonton, Alberta, T5L 2N9, Telephone 451-5959.

### **Summer Professional Development Opportunities for Science Teachers**

#### **University of Alberta**

Department of Secondary Education

Ed Sec 466 — Science in a Social Context

Instructors: Dr. Wytze Brouwer and Bob Ritter

Summer Session — July 6-24, 1992 (afternoons).

This course is specifically designed for Science 10 teachers.

Information: 492-3674 (Dr. Brouwer or Bob Ritter)  
Registration: 492-4610.

Faculty of Science,  
Science 400 (3-credit course)

A general, multidisciplinary science course designed to enable senior high school teachers to upgrade their science background in biology, earth science, chemistry and physics in preparation for teaching the Science 10, 20 and 30 programs presently being introduced by Alberta Education. Prerequisite: Consent of the Faculty of Science. May not be taken by science students. This course will be graded on a credit/no-credit basis.

Science 400 will cover the scientific principles, ideas and information which underlie the topics contained in the Science 10, 20 and 30 Program of Studies. The course will take the form of lectures and tutorials, together with experimental, demonstration and field laboratories. It is intended that lectures and laboratories will be closely integrated and that similarities and overlapping themes in the four disciplines be strongly emphasized throughout the course. Visits to a number of University of Alberta research laboratories may be arranged where appropriate. To be offered initially in the second term of the 1992 Intersession.

For more information, contact Professor John Hoddinott, Department of Botany at 492-4587.

#### **University of Lethbridge**

Two full scholarship institutes, Implementing Computer Technology in the Science Classroom and Elementary Science Education are being offered around the province this summer. The scholarship funding includes tuition fees, meals, materials and accommodation. The technology institute will be offered in Vulcan, Alberta (July 26-August 1) and in Red Deer, Alberta (August 9-15) while the elementary science institute will have three sessions — Lethbridge, Alberta (July 5-11), Grande Prairie, Alberta (July 19-25) and Kananaskis, Alberta (August 3-8). These six-day institutes will be activity-oriented and highly practical in nature. One full-semester course credit will be given for successful participation in either institute.

For application details, contact Glen Hutton (Science Alberta) at 260-1996 or Dr. Rick Mrazek (University of Lethbridge) at 329-2452.

### **25th Anniversary of the Order of Canada**

*Heroes Among Us* is a kit recently distributed to secondary schools in recognition of the 25th Anniversary of the Order of Canada. The kit provides activities for Social Studies 7 and Social Studies 10 but materials could be used in other subject areas such as English language arts, physical education, science and CALM. Among the material is a nomination form for a "Young Heroes" contest. Selected students, along with their parents, will attend a luncheon with the Governor General in Red Deer on Saturday, August 15, 1992. Deadline for nominations is July 1, 1992.

For more information, contact Joan Engel at 427-2939.

### **CRB Foundation Heritage Project**

The Heritage Minutes is a series of 1-minute dramatizations featuring notable people and events from Canada's past. It is planned that the first 12 of these minutes will be available in both French and English from ACCESS Network by the end of June 1992.

#### *The Heritage Minutes*

The *Underground Railroad* illustrates the flight of black slaves from the American South to freedom in Canada during the 1850s.

*Jacques Plante* portrays Plante's determination to use his invention, the goalie face mask, in professional hockey.

*Valour Road* tells of three young men from the same street in Winnipeg who won the Victoria Cross in World War I.

*Soddie* depicts the hardiness of prairie settlers who built their first homes out of sod.

*Superman* is an amusing look at the invention of the world's most famous superhero by Toronto cartoonist Joe Shuster in the 1930s.

*Naming of Canada* is a light-hearted look at how Canada may have received its name during Jacques Cartier's first meeting with the Aboriginal People.

*Trout* portrays Jennie Trout's struggles against prejudice in becoming the first woman licensed to practise medicine in Canada.

*Halifax Explosion* features the heroism of one man during this 1917 disaster which leveled large areas of the city and killed hundreds of people.

*Penfield* illustrates this famed Montreal doctor's groundbreaking studies of the human brain during the 1930s.

**Note:** *Penfield* is replaced by a minute on Frontenac in the French minutes.

*Orphans* highlights the generosity of French-Canadian families who took in orphans fleeing from the Irish Potato Famine of 1947-48.

*McClung* provides a lively insight into this woman's struggle to win the right to vote for Canadian women.

*Responsible Government* is a humorous treatment of this key development in Canadian politics during the 1840s.

For more information, contact Joan Engel at 427-2939.

### Summer Institute on Student Assessment in the Classroom

Plan now to attend the first annual Summer Institute on Student Assessment in the Classroom at Barnett House in Edmonton, August 17-21, 1992. The institute is a joint project of Alberta Education, The Alberta Teachers' Association, the University of Alberta, and metro school boards. Workshops will be presented by leading educators in assessment in Alberta, including many teachers. The institute will be of interest to all teachers and administrators, Divisions I to IV, across the curriculum. Registration packages were sent to schools in April.

For more information, or additional registration packages, contact Darlene Montgomery at 427-0010.

### National Entrepreneurship Development Institute

The National Entrepreneurship Development Institute is meeting in Moncton, New Brunswick June 7-10, 1992. The conference agenda fits well with the Enterprise and Innovation curriculum. For more information, contact NEDI, National Enterprise Development Institute, c/o Assumption Administration, Chair, Faculty of Administration, University

of Moncton, Moncton, N.B., E1A 3E9, Telephone (506) 858-4510, Fax (506) 858-4549.

### On Cue II

The *On Cue II* series, a six-part teacher inservice video series, focuses on recent developments and new initiatives in education in Alberta. Programs include the following:

- Integration of Students with Special Needs
- Language Learning
- Integrated Occupational Program
- Career and Technology Studies
- Senior High Science Distance Learning Materials.

Copies of the first five programs in the series are currently available and may be ordered by calling the ACCESS Network Dub/Media Resources Centre at 1-800-352-8293 or, in Calgary, at 256-1100. The sixth program on the use of distance learning materials will be available in the early fall.

For further information about specific programs, contact the following:

- Integration of Students with Special Needs, Lynne Beamer at 297-4606
- Language Learning, Susan Lynch at 427-2984
- Integrated Occupational Program, Michael Alpern at 427-2984
- Career and Technology Studies, Sharon Prather at 427-2984

- Distance Learning Materials,  
Garry Popowich at  
674-5333.

### Rural Educators Institute

The Rural Educators Institute '92 'Experts Within' will be held June 21-23 at the Bayshore Inn, Waterton National Park, Alberta.

For more information, contact the Rural Educators Institute at (403) 297-4606.

**Connection** is a publication of Alberta Education. For more information or for additional copies, contact the Editor, Curriculum Branch, 5th Floor, East Tower, Devonian Building, 11160 Jasper Avenue, Edmonton, Alberta, T5K 0L2.

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# HAPPY *Summer* HOLIDAYS!

